PENDING CLAIMS

Application No. 10/746,612 Attorney Docket No. 05725.1338-01000

Filed: December 22, 2003

- 1. A cosmetic composition, comprising: a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for said powder.
- 2. The cosmetic composition of claim 1, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.
- 3. The cosmetic composition of claim 2, wherein said fatty chain is a pendant chain.
- 4. The cosmetic composition of claim 2, wherein said fatty chain is a terminal chain.
- 5. The cosmetic composition of claim 4, wherein said fatty chain is bonded to said polymer skeleton via an ester group.
- 6. The cosmetic composition of claim 2, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.
- 7. The cosmetic composition of claim 2, wherein said fatty chain is functionalized.
- 8. The cosmetic composition of claim 1, wherein said polymer skeleton is a polyamide.
- 9. The cosmetic composition of claim 8, wherein said structuring agent is chosen from polyamide polymers of formula (I):

wherein:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R¹, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R^2 , which are identical or different, are each chosen from C_4 to C_{42} hydrocarbon-based groups with the proviso that at least 50% of all R^2 are chosen from C_{30} to C_{42} hydrocarbon-based groups;
- R³, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R³ comprises at least 2 carbon atoms; and
- R^4 , which are identical or different, are each chosen from hydrogen atoms, C_1 to C_{10} alkyl groups and a direct bond to at least one group chosen from R^3 and another R^4 such that when said at least one group is chosen from another R^4 , the nitrogen atom to which both R^3 and R^4 are bonded forms part of a heterocyclic structure defined in part by R^4 -N- R^3 , with the proviso that at least 50% of all R^4 are chosen from hydrogen atoms.
- 10. The cosmetic composition of claim 1, wherein said swelling agent comprises linear or cyclic polydimethylsiloxane.
- 11. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a cyclomethicone.
- 12. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a dimethicone.
- 13. The cosmetic composition of claim 1 wherein said swelling agent comprises a phenylmethicone.
- 14. The cosmetic composition of claim 1 wherein said swelling agent comprises a fluorinated silicone.
- 15. The cosmetic composition of claim 1, wherein said silicone resin comprises a polyorganosilsesquioxane.

- 16. The cosmetic composition of claim 1, wherein said silicone elastomer core is unfunctionalized.
- 17. The cosmetic composition of claim 1, wherein said silicone elastomer core contains pendant functional groups.
- 18. The cosmetic composition of claim 17, wherein said functional groups comprise fluoroalkyl groups.
- 19. The cosmetic composition of claim 17, wherein said functional groups comprise phenyl groups.
- 20. The cosmetic composition of claim 1, wherein said structural agent comprises a polyamide bonded to a fatty chain via an ester group, said swelling agent comprises a dimethicone, and said silicone resin comprises a polyorganosilsesquioxane.
- 21. The cosmetic composition of claim 1, wherein said liquid fatty phase comprises a polar oil, an apolar oil, or a mixture of said polar and apolar oils.
 - 22. The cosmetic composition of claim 1, which is in the form of an emulsion.
- 23. The cosmetic composition of claim 22, further comprising an aqueous phase.
 - 24. The cosmetic composition of claim 22, which is anhydrous.
- 25. The cosmetic composition of claim 1, further comprising a film-forming agent.
 - 26. The cosmetic composition of claim 1, further comprising a wax.
 - 27. The cosmetic composition of claim 1, further comprising a sunscreen agent.
 - 28. The cosmetic composition of claim 1, further comprising an emulsifier.
 - 29. The cosmetic composition of claim 1, further comprising a plasticizer.
 - 30. The cosmetic composition of claim 1, further comprising an additive.
- 31. The cosmetic composition of claim 30, wherein the additive comprises a pigment.
 - 32. The cosmetic composition of claim 31, wherein said pigment is treated.
- 33. The cosmetic composition of claim 31, wherein said pigment is treated with an amino acid.

- 34. The cosmetic composition of claim 1, which is in the form of a solid, a paste, a gel or a cream.
 - 35. The cosmetic composition of claim 1, which is in a molded form.
 - 36. The cosmetic composition of claim 1, which is in the form of a stick or dish.
 - 37. The cosmetic composition of claim 1, which is in the form of a powder.
- 38. A composition useful in the preparation of a cosmetic, comprising: a structuring agent comprising a polymer skeleton comprising a hydrocarbon-based repeating unit containing at least one hetero atom, and a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin.
- 39. The composition of claim 38, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.
 - 40. The composition of claim 39, wherein said fatty chain is a pendant chain.
 - 41. The composition of claim 39, wherein said fatty chain is a terminal chain.
- 42. The composition of claim 41, wherein said fatty chain is bonded to said polymer skeleton via an ester group.
- 43. The composition of claim 38, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.
 - 44. The composition of claim 38, wherein said fatty chain is functionalized.
 - 45. The composition of claim 38, wherein said polymer skeleton is a polyamide.
- 46. The composition of claim 45, wherein said structuring agent is chosen from polyamide polymers of formula (I):

$$R^{1} \longrightarrow O \longrightarrow C \longrightarrow R^{2} \longrightarrow C \longrightarrow N \longrightarrow R^{3} \longrightarrow N \longrightarrow C \longrightarrow R^{2} \longrightarrow C \longrightarrow O \longrightarrow R^{1} \qquad (I)$$

wherein:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- R¹, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R^2 , which are identical or different, are each chosen from C_4 to C_{42} hydrocarbon-based groups with the proviso that at least 50% of all R^2 are chosen from C_{30} to C_{42} hydrocarbon-based groups;
- R³, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R³ comprises at least 2 carbon atoms; and
- R⁴, which are identical or different, are each chosen from hydrogen atoms, C₁ to C₁₀ alkyl groups and a direct bond to at least one group chosen from R³ and another R⁴ such that when said at least one group is chosen from another R⁴, the nitrogen atom to which both R³ and R⁴ are bonded forms part of a heterocyclic structure defined in part by R⁴-N-R³, with the proviso that at least 50% of all R⁴ are chosen from hydrogen atoms.
- 47. A method for care, make-up or treatment of a keratin material, comprising applying to the keratin material a composition comprising a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for the powder.
 - 48. The method of claim 47, wherein the keratin material comprises lips.
 - 49. The method of claim 47, wherein the keratin material comprises skin.
- 50. The method of claim 47, wherein the keratin material comprises keratinous fibers.
- 51. The method of claim 47, wherein the structural agent comprises a polyamide bonded to a fatty chain via an ester group, the swelling agent comprises a dimethicone, and the silicone resin comprises a polyorganosilsesquioxane.
- 52. The method of claim 47, wherein the composition further comprises a liquid phase comprising a liquid fatty phase and a swelling agent.